



Law Office of Michael A. Sanzo, LLC
Practice Limited to Patent Law

April 5, 2007

Commissioner of Patents
U.S. Patent and Trademark Office
Customer Service Window, MS Amendment
Randolph Building
401 Dulany Street
Alexandria, VA 22314

Re: Information Disclosure Statement
Appl. No.: 10/579,807
Filed: May 16, 2006
Title: **Process for Preparing
Biphospholane Ligands**
Inventor(s): Riermeier, *et al.*
Atty. Dkt.: 7601/88131

Dear Sir:

The following documents are being forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

1. Information Disclosure Statement (2 pages);
2. PTO/SB/08a (list of references) (2 pages);
3. References B1 and C1-C10; and
4. Return Postcard.

Applicants do not believe that any fee is due for the filing of the above documents. However, the Director is hereby authorized to charge any fee deficiency for this filing to our Deposit Account No. 50-4056 under Order No. 7601/88131.

It is respectfully requested that the enclosed postcard be stamped with the date the enclosed documents are received by the PTO and that it be returned as soon as possible.

Very truly yours,

LAW OFFICE OF MICHAEL A. SANZO, LLC

Michael A. Sanzo

Michael A. Sanzo
Reg. No. 36,912
Attorney for Applicant

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:

RIERMEIER, *et al.*

Appl. No.: 10/579,807

Filed: May 16, 2006

For: **PROCESS FOR PREPARING
BISPHOSPHOLANE LIGANDS**



Art Unit: 1614

Examiner: Not Yet Assigned

Atty. Dkt.: 7601/88131

Conf. No. 5944

Information Disclosure Statement

MAIL STOP - AMENDMENT

Commissioner of Patents
U.S. Patent and Trademark Office
P.O. Box 1450
Arlington, Virginia 22131-1450

Sir:

Submitted herewith is a listing of documents known to Applicants and/or their attorney in compliance with the requirements of 37 C.F.R. § 1.56. Some of these references were cited in the Search Report for corresponding international application no. PCT/US2004/012279 mailed February 18, 2005. In order to facilitate review by the Examiner, US patents or published US patent applications were substituted for counterpart foreign applications cited in the Search Report whenever possible. Copies of the listed documents (with the exception of the US patent references) are also enclosed. In cases where the month of a publication is not provided, Applicants would like to point out that the year of publication is sufficiently earlier than the effective U.S. filing date and any foreign priority date that the particular month of publication is not in issue. Applicants would also like to make the Examiner aware of copending application 11/579,626.

Applicants do not waive any rights to appropriate action to establish patentability over any of the listed documents should they be applied as references against the claims of the present application. This statement should not be construed as a representation that more material information does not exist or that an exhaustive search of the relevant art has been made.

Consideration of the cited documents and making the same of record in the prosecution of the above-captioned application are respectfully requested.

Applicants do not believe any fee is due for the submission of this Information Disclosure Statement. However, the Commissioner is hereby authorized to charge any fee deficiency to our Deposit Account No. 50-4056 under Order No. 7601/88131.

Respectfully submitted,

LAW OFFICE OF MICHAEL A. SANZO



By: _____

Michael A. Sanzo
Registration No. 36,912
Attorney for Applicants

Date: April 5, 2007
15400 Calhoun Drive Suite 125
Rockville, MD 20855
(240) 683-6165

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

1

of

2

Application Number

10/579.807

Filing Date

May 16, 2006

First Named Inventor

RIERMEIER, *et al.*

Art Unit

1614

Examiner Name

Not Yet Assigned

Attorney Docket

7601/88131

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ²			
	A1	US-6,545,183	04-08-2003	Berens, U.	
	A2	US-6,172,249	01-09-2001	Berens, <i>et al.</i>	
	A3	US-5,008,457	04-16-1991	Burk, M.J.	
	A4	US-5,177,230	01-05-1993	Burk, M.J.	
	A5	US-5,206,398	04-27-1993	Burk, M.J.	
	A6	US-5,322,956	06-21-1994	Burk, M.J.	
	A7	US-2005/0209455	09-22-2005	Boerner, <i>et al.</i>	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵				
	B1	WO 03/084971	10-16-2003	Dequssa AG		

Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08b Substitute for Form 1449B/PTO				Application Number	10/579,807
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Filing Date	May 16, 2006
				First Named Inventor	RIERMEIER, <i>et al.</i>
				Art Unit	1614
				Examiner Name	Not Yet Assigned
Sheet	2	of	2	Attorney Docket	7610/88131
NON PATENT LITERATURE DOCUMENTS					
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
	C1	International Search Report Dated February 3, 2005			
	C2	BLOOMFIELD, <i>et al.</i> , "Direct Preparation of Phenylphosphine Dilithium," <i>Chemistry and Industry</i> , 541-542 (April 1959)			
	C3	BRAUER, <i>et al.</i> , "Novel P,N Ligands Derived from (R)- and (S)-1-Phenylethylamine with (2R,5R)-2,5-Dimethylphospholanyl Groups (DuPHAMIN) for Asymmetric Catalysis," <i>Eur. J. Inorg. Chem.</i> 1748-1755 (May 2003)			
	C4	BURK, <i>et al.</i> , "New Chiral Phospholanes; Synthesis, Characterization, and Use in Asymmetric Hydrogenation Reactions," <i>Tetrahedron: Asymmetry</i> , Vol. 2, No. 7:569-592 (1991)			
	C5	HOLZ, <i>et al.</i> , "Synthesis of a New Chiral Bisphospholane Ligand for the Rh(II)-Catalyzed Enantioselective Hydrogenation of Isomeric β -Acylamido Acrylates," <i>J. Org. Chem.</i> , Vol. 68, No. 5:1701-1707 (February 2003)			
	C6	LI, <i>et al.</i> , "Synthesis of Chiral Hydroxyl Phospholanes from D-Mannitol and Their Use in Asymmetric Catalytic Reactions," <i>J. Org. Chem.</i> Vol. 65, No. 11:3489-3496 (June 2000)			
	C7	NANDI, <i>et al.</i> , "Synergistic Effects of Hemilabile Coordination and Counterions in Homogeneous Catalysis: New Tunable Monophosphine Ligands for Hydrovinylation Reactions," <i>J. Am. Chem. Soc.</i> , Vol. 121, No. 42:9899-9900 (October 1999)			
	C8	PILKINGTON, <i>et al.</i> , "Expanding the Family of Phospholane-Based Ligands: 1,2-Bis (2,5-diphenylphospholano)ethane," <i>Organic Letters</i> , Vol.5, No. 8:1273-1275 (April 2003)			
	C9	YAN, <i>et al.</i> , "Highly Flexible Synthetic Routes to Functionalized Phospholanes from Carbohydrates," <i>J. Org. Chem.</i> , Vol. 65:900-906 (February 2000)			
	C10	"Written Opinion of the International Search Authority for international application PCT/EP2004/012279."			
Examiner Signature				Date Considered	